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II. AMENDMENTS TO THE CLAIMS

Please cancel Claims 1-21 without disclaimer or prejudice, and add new Claims 22-45 as follows:

1-21 (Canceled)

22. (New) A fluid delivery system, comprising:

a first source of fluid medium;

a first pressurizing device associated with the first source of fluid medium;

a second source of fluid medium;

a second pressurizing device associated with the second source of fluid medium;

a fluid path operable to deliver the first and second fluid media to a balloon catheter in a patient; and

a control unit in communication with the first and second pressurizing devices;

wherein the control unit is adapted to actuate the first and second pressurizing devices at substantially the same time to deliver the first and second fluid media to a balloon on the balloon catheter.

23. (New) The fluid delivery system of Claim 22 wherein the first fluid medium comprises a contrast medium and the second fluid medium comprises a diluent medium.

24. (New) The fluid delivery system of Claim 22 wherein the fluid path comprises a mixing apparatus.

25. (New) The fluid delivery of Claim 22 wherein the fluid path comprises a pressurization pump.

26. (New) The fluid delivery system of Claim 22 wherein the fluid path comprises a check valve.

27. (New) The fluid delivery system of Claim 22 wherein the first pressurizing device comprises a pump.

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28. (New) The fluid delivery system of Claim 27 wherein the pump is a peristaltic pump.

29. (New) The fluid delivery system of Claim 22 wherein the fluid path comprises an air detector.

30. (New) The fluid delivery system of Claim 22, further comprising a first fluid path associated with the first source of fluid medium and a second fluid path associated with the second source of fluid medium.

31. (New) The fluid delivery system of Claim 30 wherein the fluid path is associated with the first and second fluid paths.

32. (New) The fluid delivery system of Claim 22 wherein the second pressurizing device comprises a pump.

33. (New) The fluid delivery system of Claim 32 wherein the pump is a peristaltic pump.

34. (New) The fluid delivery system of Claim 22, further comprising a handheld control mechanism in communication with the control unit to control the first and second pressurizing devices.

35. (New) The fluid delivery system of Claim 22 wherein the first and second fluid media at least partially inflate the balloon.

36. (New) The fluid delivery system of Claim 22 wherein the fluid path is associated with the first and second pressurizing devices.

37. (New) The fluid delivery system of Claim 22 wherein the fluid path is associated with the first and second fluid medium sources.

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38. (New) A method of delivering fluid media to a balloon catheter in a patient, comprising:

providing a first pressurizing device associated with a first source of fluid medium and a second pressurizing device associated with a second source of fluid medium;

providing a fluid path operable to deliver the first and second fluid media to the balloon catheter; and

actuating the first and second pressurizing devices at substantially the same time to deliver the first and second fluid media via the fluid path to a balloon on the balloon catheter.

39. (New) The method of Claim 38, further comprising:
associating the fluid path with the first and second pressurizing devices.

40. (New) The method of Claim 38, further comprising:
associating the fluid path with the first and second fluid medium sources.

41. (New) The method of Claim 38, further comprising:
providing a control unit in communication with the first and second pressurizing devices to control the operation thereof.

42. (New) The method of Claim 41, further comprising:
providing a handheld control mechanism in communication with the control unit to control the first and second pressurizing devices.

43. (New) The method of Claim 38 wherein the first and second fluid media at least partially inflate the balloon.

44. (New) The method of Claim 38 wherein the first and second fluid media are mixed in the fluid path.

45. (New) The method of Claim 44 wherein the first fluid medium comprises a contrast medium and the second fluid medium comprises a diluent medium.